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## INFORMATION DISCLOSURE STATEMENT

Applicant(s): Wimberly, et al.

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Publication Date	Country	Class	Subclass	Translation
						YES NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

CS	1.	Rodnina, et al.(1997). Hydrolysis of GTP by elongation factor G drives tRNA movement on the ribosome. Nature 385, 37-41
	2.	Moazed, D., Robertson, J. M., and Noller, H. F. (1988). Interaction of elongation factors EF-G and EF-Tu with a conserved loop in 23S RNA. Nature 334, 362-4
	3.	Rosendahl, G., and Douthwaite, S. (1993). Ribosomal proteins L11 and L10.(L12)4 and the antibiotic thiostrepton interact with overlapping regions of the 23 S rRNA backbone in the ribosomal GTPase centre. J Mol Biol 234, 1013-20
	4.	Hinck, et al. (1997). The RNA binding domain of ribosomal protein L11: three-dimensional structure of the RNA-bound form of the protein and its interaction with 23 S rRNA. J Mol Biol 274, 101-13
	5.	Xing, Y., and Draper, D. E. (1996). Cooperative interactions of RNA and thiostrepton antibiotic with two domains of ribosomal protein L11. Biochemistry 35, 1581-8
	6.	Conn, et al.(1998). A functional ribosomal RNA tertiary structure involves a base triple interaction. Biochemistry 37, 11980-8
	7.	Rosendahl, G., and Douthwaite, S. (1994). The antibiotics micrococin and thiostrepton interact directly with 23S rRNA nucleotides 1067A and 1095A. Nucleic Acids Res 22, 357-63
	8.	Noller, et al. (1981). Secondary structure model for 23S ribosomal RNA. Nucleic Acids Res 9, 6167-89
	9.	Briones, et al. (1998). The GTPase center protein L12 is required for correct ribosomal stalk assembly but not for Saccharomyces cerevisiae viability. J Biol Chem 273, 31956-61
	10.	Schmidt, et al.(1981). The binding site for ribosomal protein L11 within 23 S ribosomal RNA of Escherichia coli. J Biol Chem 256, 12301-5
	11.	Glitz, et al. (1981). Secondary structure of the large subunit ribosomal RNA from Escherichia coli, Zea mays chloroplast, and human and mouse mitochondrial ribosomes. Nucleic Acids Res 9, 3287-306



12.	Thompson, et al., 1993, EMBO J. 12: 1499-1504	
13.	Thompson, et al.(1979). Binding of thiostrepton to a complex of 23-S rRNA with ribosomal protein L11. Eur J Biochem 98, 261-5	
14.	Markus, et al. (1997). High resolution solution structure of ribosomal protein L11-C76, a helical protein with a flexible loop that becomes structured upon binding to RNA. Nat Struct Biol 4, 70-7	
15.	Donner, et al. (1978). Guanosinetriphosphatase activity dependent on elongation factor Tu and ribosomal protein L7/L12. Proc Natl Acad Sci U S A 75, 3192-5	
16.	Cundliffe, E., and Thompson, J. (1981). Concerning the mode of action of micrococin upon bacterial protein synthesis. Eur J Biochem 118, 47-52	
17.	Pestka, S. (1970). Thiostrepton: a ribosomal inhibitor of translocation. Biochem Biophys Res Commun 40, 667-74	
18.	Sopori, M. L., and Lengyel, P. (1972). Components of the 50S ribosomal subunit involved in GTP cleavage. Biochem Biophys Res Commun 46, 238-44	
19.	Tate, et al. (1975), J. Mol. Biol. 93:375-389	
EXAMINER	<i>Carly J. R.</i>	DATE CONSIDERED 5/11/03
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small>		
<small>**Copies of references not provided at the time of this submission.</small>		